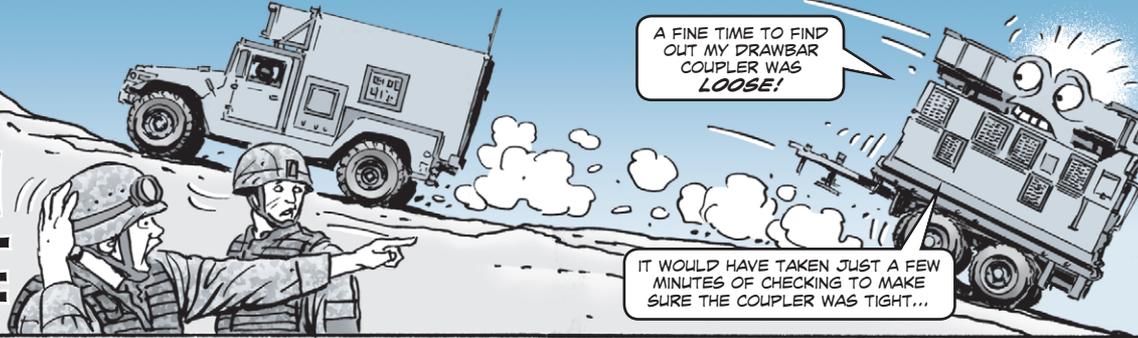


Firefinder Radar...

PUTTING THE BRAKES ON BRAKE FAILURE



If an AN/TPQ-36(V)7 or AN/TPQ-37(V)8 Firefinder has been sitting for a long time, you must check its trailer brakes and towing components before you hit the road. Several idle Firefinders have suffered brake failure or towing problems when they were put back in action.

Here's how to put the brakes on brake failure.

AN/TPQ-37(V)8's M1048A1 Trailer

- Check and service the brake system like it says in Chapters 3 and 4 in TM 9-2330-396-14&P.
- Check that all the tires are at 70 psi. Low psi causes the track belt to rub on the tires and possibly start a fire.
- Make sure the service and emergency air brake lines are connected and marked properly. Several trailers have had both brake line connections painted sand color, which led to the brake lines being cross-connected. The service connections should be painted blue (which replaces the older yellow) and the emergency connections red.
- Check the trailer floating beam alignment like it says in PM Radars Maintenance Bulletin 175, which can be found at:

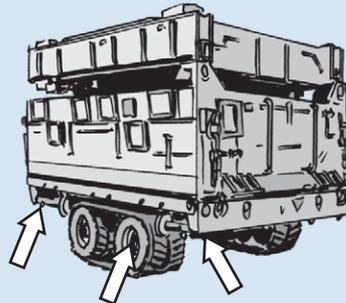
<https://www.us.army.mil/suite/doc/4921441>

PM Radars will have to approve your request to access the files directory. This usually takes 24 hours.

- Lube the trailer like it says in PM Radars Maintenance Bulletin 174, which can be found at the same website.



Lube all trailer lube points



AN/TPQ-36(V)8 Trailer

- Check the condition of all rear leveling jack leg quick-release pins and make sure the jack is secured. Quick-release pins in bad shape can vibrate out during travel, which lets the jack leg drop. This can damage the jack leg and the ATG pedestal mounting point. Your depot support fixes bad quick release pins. Order a new quick-release pin with NSN 5315-01-347-4152.
- Check that the trailer drawbar coupler mounting point has all its securing hardware and the braking system works. See Pages 2-6 and 2-7 in TM 9-2330-202-14&P for info.

The coupler/brake assembly can work loose from the drawbar, which causes the ATG to separate from the HWMMV towing it—a major catastrophe for your Firefinder. Never put your -36 on the road until you've checked for and fixed a loose coupler.

- Check that the front leveling jack mounting bracket can be secured in the erected and stowed positions with the quick-release pins installed in the drawbar coupler. If the bracket or front towing frame is bent, the quick-release pins won't align properly and the leveling jack won't be secure. Depot support will fix a bent leveling jack mounting bracket or bent towing frame.

For more info on moving the -36, see Section 3 of Chapter 2 in TM 11-5840-380-10.

